AMENDMENTS TO THE TITLE

Please delete the title as submitted and substitute therewith the following:

-- A SYSTEM FOR SPEED ADAPTIVE POSITIONING OF A CURSOR RESPONSIVE TO A PREDETERMINED TIME INTERVAL AFTER AN INITIAL APPLICATION OF FORCE WITHIN A USER INTERFACE --.

Amendments to the Specification:

Please replace the paragraph beginning on Page 3, line 27, with the following amended paragraph:

In one embodiment, a data processing system has a display, a cursor controller connected to the display for displacement of a cursor represented on the display, and a user-interface coupled to the cursor controller. The user-interface is operable to sense a user-desired manipulation of the cursor based on a time period of an application of force on the user-interface by a user. A displacement speed of the cursor as represented by the display is dependent upon the time period of the application of force within the user-interface by the user. Upon an initial application of force within the user-interface by the user, the actual displacement speed of the cursor is variable within a first speed range. Upon a predetermined time interval after the initial application of force within the user-interface by the user, the actual displacement speed of the cursor is variable within a second speed range.

In an embodiment, a data processing system has a display, a cursor controller connected to the display for displacement of a cursor represented on the display, and a user-interface coupled to the cursor controller. The user-interface is operable to sense a user-desired manipulation of the cursor based on a time period of an application of force within the user-interface by a user.

During the time period of the application of force within the user-interface by the user, at least one timing signal indicative of the user-desired manipulation of the cursor as sensed by the user-interface is generated. An actual displacement speed of the cursor as represented by the display is variable within a first speed range when a total generation of timing signals is less than a pre-specified number. The actual displacement speed of the cursor is variable within a second speed range when the total generation of timing signals is equal to or greater than the pre-specified number.

BRIEF DESCRIPTION OF THE DRAWINGS

The invention is explained below by way of example and with reference to the accompanying drawing, wherein:

Fig. 1 gives a diagram of the system functionalities in the invention;

Fig. 2 gives a diagram of cursor speed versus time;

Fig. 3 gives a functional diagram of the user-interface means; ~~and~~

Fig. 4 gives an embodiment of the user-interface; and

Fig. 5 gives a diagram of cursor speed versus time.

Please replace the paragraph beginning on Page 5, line 32, with the following amended paragraph:

The cursor speed may be fixed at values v1 and v2 as for example shown in FIG. 2. Alternatively, v1 and v2 may be the upper bounds of low-speed and high-speed ranges, the cursor speed being continuously variable through user-interface 106 as for example shown in FIG. 5.